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**American Type Culture Collection
CATALOGUE OF FUNGI/YEASTS
Seventeenth Edition, 1987**

With an Index to Industrial Applications

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12301 Parklawn Drive
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ISBN: 0-930009-18-5

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- Candida pintolopesii* var. *slooffiae* (van Uden et Do Carmo-Sousa) *Phaff et Meyer* ex Meyer et al.)
 S.A. Meyer M 312 (*Candida slooffii*) — CBS 2419 — N. van Uden. Horse caecum. Type culture of *C. slooffii* (Portug. Acta Biol. 5: 7, 1957). (Medium 200 37C)
- Candida pinus* (Lodder et Kreger-van Rij) Meyer et Yarrow
 S.A. Meyer M 221 (*Torulopsis pinus*) — CBS 970. (NRRL Y-2023) Pine tree, Sweden. Type culture (Lodder, J. and N.J.W. Kreger-van Rij, "The Yeasts-A Taxonomic Study." 1952, p. 671. North Holland Pub. Co., Amsterdam). (Medium 200 24C)
- Candida podzolica* Babjeva et Reshetova
 VKM Y-1982 — I.P. Babjeva 6. (CBS 6819) Podzolic soil, USSR. Type culture (Mikrobiologia 44: 333-338, 1975). (Medium 200 24C)
- Candida polymorpha* Ohara et Nonomura ex Meyer et Ahearn: See *Candida diddensii*
 CBS 4094 — H. Nonomura. (IFO 0836; UCD 69-29) Soy mash. Type culture (The Yeasts, a Taxonomic Study, 3rd ed., pp. 774-776, 1984). (Medium 200 25C)
- Candida pseudointermedia* Nakase et al.
 CBS 6918 — T. Nakase. Kamaboko, Japan. Type culture (The Yeasts, a Taxonomic Study, 3rd ed., pp. 776-777, 1984). (Medium 200 25C)
- Candida pseudotropicalis* (Castellani) Basgal: See *Candida kefyri*
Candida psychophila (Goto et al.) Meyer et Yarrow
 S. Goto AY-7 (*Torulopsis psychophila*). (CBS 5956) Penguin dung, Antarctica. Type culture (Mycologia 61: 748-774, 1969; The Yeasts, a Taxonomic Study, 3rd ed., pp. 777-778, 1984). (Medium 200 15C)
- Candida pulcherrima* (Lindner) Windisch: See *Metschnikowia pulcherrima*, perf. st.
- Candida pustula* (Buhagiar) Meyer et Yarrow
 R.W.M. Buhagiar (*Torulopsis pustula*). (CBS 6527) *Ribes nigrum*, England. Type culture (J. Gen. Microbiol. 86: 1-11, 1975). (Medium 200 24C)
- Candida quercuum* Nakase
 CBS 6422 — T. Nakase. (IFO 1576) *Quercus serrata* exudate. Type culture (The Yeasts, a Taxonomic Study, 3rd ed., pp. 781-782, 1984). (Medium 200 24C)
- Candida railenensis* Ramirez et Gonzalez
 C. Ramirez IJFM 6014. (CBS 8164) Decayed *Nothofagus dombeyi*, Chile. Type culture (Mycopathologia 88: 55, 1984). (Medium 200 25C)
- Candida ralunensis* Ramirez et Gonzalez
 C. Ramirez IJFM 6042. (CBS 8179) Decayed, fallen *Laurelia sempervirens*, Chile. Type culture (Mycopathologia 88: 85, 1985). (Medium 200 25C)
- Candida ravautii* Langeron et Guerra
 CBS 1904 — Langeron. (IFO 0744; NRRL Y-311) Hyperkeratosis of foot, France. Type culture (Lodder, J. and N.J.W. Kreger-van Rij, "The Yeasts - A Taxonomic Study." 1952, p. 561. North Holland Pub. Co., Amsterdam). Production of citric acid (U.S. Pat. 3,733,253). (Medium 200 26C)
- W.J. Crozier 0846. Toe nails, Australas. Onychomycosis (Australas. J. Derm. 18: 139-140, 1977). (Medium 200 24C)
- Candida reukauffii* (Gruss) Diddens et Lodder: See *Metschnikowia reukauffii*, perf. st.
- Candida rhagii* (Diddens et Lodder) Jurzitza et al.
 S.A. Meyer M 234 — H.J. Phaff UCD 61-20. (CBS 4237) *Harpium inquisitor* larvae. Type culture (Arch. Mikrobiol. 36: 229, 1960). (Medium 200 24C)
- Candida robusta* Diddens et Lodder: Synonym of *Saccharomyces revisiae*, q.v.
- Candida rugopelliculosa* Nakase
 T. Nakase AJ 4656. (CBS 6377) Soybean protein factory. Type culture (J. Gen. Appl. Microbiol. 17: 391, 1971). (Medium 200 24C)
- Candida rugosa* (Anderson) Diddens et Lodder
 NRRL Y-1496 — CBS 613. (CCY 29-15-1; IFO 0750) (Medium 200 24C)
- Meito Sangyo Co., Ltd. MS-5 (*Candida cylindracea*). (CBS 6330) Production of high-activity lipase (U.S. Pat. 3,189,529). (Medium 200 24C)
- Kyowa Ferm. Ind. Co., Ltd. KY 5742. Production of (synthesis) L-serine (U.S. Pat. 3,755,081). (Medium 200 24C)
- 20306 Takeda Chem. Ind., Ltd. (IFO 1542) Production of citric acid (U.S. Pat. 3,726,763). (Medium 200 24C)
- 38772 T. Nakase AJ 4898. Artificial diet for silkworm. Characterization (J. Gen. Appl. Microbiol. 24: 17-25, 1978). (Medium 200 25C)
- 58964 L. Walker 3814. Human blood and IV catheter tip, California. (Medium 200 25C)
- Candida sake* (Saito et Ota) van Uden et Buckley
 NRRL Y-1622 (*Torulopsis sake*) — CBS 159 — K. Saito. (IFO 0650 and 0435) "Sakemoto" yeast. (Medium 200 24C)
- 22021 CBS 5690 (*Candida salmonicola*) — K. Komagata P-32. (IFO 1354) Frozen salmon stick. Type culture of *C. salmonicola* (J. Gen. Appl. Microbiol. 11: 255, 1965). (Medium 200 18C)
- 22162 S. Goto AY-12 (*Candida australis*). (CCY 29-108-1) Soil plus algae, Antarctica. Type culture of *C. australis* (Mycologia 61: 748-774, 1969). (Medium 200 24C)
- 28136 CBS 617 — H. Kufferath. (IFO 1213; FMJ 1281; NRRL Y-1499) Lambic beer. (Medium 200 24C)
- 28137 CBS 2219 — O. Verona. (IBL 2702; IFO 1021, 1148; IGC 2702; NRRL Y-2317) Olives. (Medium 200 24C)
- 28138 CBS 2920 — A. Capriotti. (IGC 3088) Soil. (Medium 200 24C)
- 28139 CBS 2935 — J.P. van der Walt. (IGC 2744) Soil. (Medium 200 24C)
- 28141 CBS 5740 — J. Grinbergs. Peach. (Medium 200 24C)
- 28721 J. Walker 26Y. (CBS 6716) Water, Chesapeake Bay. (Medium 200 24C)
- 28722 J. Walker 31Y. (CBS 6717) Sediment, Chesapeake Bay. (Medium 200 24C)
- 28723 S.A. Meyer W119. (CBS 6718) Water, Chesapeake Bay. (Medium 200 24C)
- 38233 K. Hatai T-7. *Plecoglossus altivelis*. Pathogenicity (Fish Pathol. 12: 63-67, 1977). (Medium 200 26C)
- Candida salmanticensis* (Santa Maria) van Uden et Buckley
 J. Santa Maria Ac 574 (*Torulopsis salmanticensis*). (CBS 5121) Alpechin, Spain. Type culture (Antonie van Leeuwenhoek 29: 330, 1963). (Medium 200 24C)
- Candida santamariae* Montrocher
 J. Santa Maria Az 1 (*Candida krusei* var. *saccharicola*). Sugar. (Medium 200 20C)
- 60128 CBS 4515 — J. Santa Maria. Sugar, Spain. Type culture (The Yeasts, a Taxonomic Study, 3rd ed., pp. 790-792, 1984). (Medium 200 25C)
- Candida santjacobensis* Ramirez et Gonzalez
 C. Ramirez IJFM 6046. (CBS 8183) Decayed, fallen *Nothofagus dombeyi*, Chile. Type culture (Mycopathologia 88: 105, 1984). (Medium 200 25C)
- Candida savonica* Sonck
 CBS 6563 — C.E. Sonck. Woodpile. Type culture (Antonie van Leeuwenhoek 40: 543, 1974). (Medium 200 24C)
- Candida schatavii* (Kockova-Kratochvilova et Ondrusova) Meyer et Yarrow
 A. Kockova-Kratochvilova CCY 26-26-5 (*Torulopsis schatavii*). (CBS 6452) *Fomitopsis pinicola*, Czechoslovakia. Type culture (Biologica 26: 483, 1971). (Medium 200 24C)
- Candida scottii* Diddens et Lodder: See *Leucosporidium scottii*, perf. st.
- Candida sequanensis* Saez et Rodrigues de Miranda
 H. Saez A 4498 (4). (CBS 8118) Oat grains, France. Type culture (Antonie van Leeuwenhoek 50: 379, 1984). (Medium 200 26C)
- Candida shehatae* Buckley et van Uden: See also *Pichia stipitis*, perf. st.
 S.A. Meyer M 175. (Medium 200 24C)
- 22984 CBS 5813 — Buckley. (ATCC 42269) Dead insect invaded pine tree, California. Type culture (Mycopath. Mycol. Appl. 32: 297, 1967). Produces ethanol from D-xylose (Appl. Environ. Microbiol. 47: 1221-1223, 1984). (Medium 200 24C)
- 58779 CBS 4705 — H. Kuehlwein. (IGC 3590) Wood. Produces ethanol from xylose (Appl. Environ. Microbiol. 47: 1221-1223, 1984). (Medium 200 26C)
- 58780 CBS 5712 — MacDonald College. Rose-hip. Produces ethanol from xylose (Appl. Environ. Microbiol. 47: 1221-1223, 1984). (Medium 200 26C)
- 60778 NRRL Y-12878. (CBS 2779) Produces ethanol at high xylose concentrations (Biotech. Lett. 7: 431-436, 1985). (Medium 200 24C)

- Candida silvae* Vidal-Leiria et van Uden
22685 S.A. Meyer M 178 — J.F.T. Spencer. (CBS 5497; IGC 2640) Horse intestine. (Medium 200 24C)
- 42270 CBS 5498 — N. van Uden. (IGC 2639) Horse intestine. Type culture (The Yeasts, a Taxonomic Study. 3rd. ed., p. 796, 1984). (Medium 200 24C)
- Candida silvanorum* van der Walt et al.
22942 S.A. Meyer M 256 — J.P. van der Walt. (CBS 6274; NRRL Y-7782) Tunnels of *Xylion adustus* in *Peltophorum africanum*, S. Africa. Type culture (Antonie van Leeuwenhoek 37: 454, 1971). (Medium 200 25C)
- Candida silvicola* Shifrine et Phaff: See *Hansenula holstii*, perf. st.
- Candida silvicultrix* van der Walt et al.
22943 S.A. Meyer M 251 — J.P. van der Walt. (CBS 6269; CCY 29-111-1) Tunnels of *Sinoxylon ruficorne* in *Acacia karroo*, S. Africa. Type culture (Mycopath. Mycol. Appl. 47: 234, 1972). (Medium 200 24C)
- Candida solani* Lodder et Kreger-van Rij
14440 CBS 1908. (IFO 0762; NRRL Y-2224; 14 Bc 2) Potato flour mill. (Medium 200 26C)
- 20143 Kyowa Ferm. Ind. Co., Ltd. 5017-3C. Patent strain. (Medium 28 24C)
- Candida sonorensis* (Miller et al.) Meyer et Yarrow
32109 M. Miranda UCD 72-314 (*Torulopsis sonorensis*). (NRRL Y-7801) Saguaro cactus rot, Arizona. (Medium 200 24C)
- Candida sophiae-reginae* Ramirez et Gonzalez
58899 C. Ramirez IFM 6038. (CBS 8175) Decayed, fallen *Laurelia sempervirens*, Chile. Type culture (Mycopathologia 88: 185, 1984). (Medium 200 25C)
- Candida sorbophila* (Nakase) Meyer et Yarrow
60130 CBS 6739 — T. Nakase. (IFO 1583) Ion-exchange resin. Type culture (The Yeasts, a Taxonomic Study, 3rd ed., pp. 804-805, 1984). (Medium 336 24C)
- Candida sorbosa* Hedrick et Burke: See *Issatchenkia occidentalis*, perf. st.
- Candida sorboxylosa* Nakase
24120 T. Nakase AJ 4437. (CBS 6378; IFO 1578) Pineapple. Type culture (J. Gen. Appl. Microbiol. 17: 392, 1971). (Medium 200 24C)
- Candida spandovensis* (Henninger et Windisch) Meyer et Yarrow
34356 W. Henninger DSM 70866 (*Torulopsis spandovensis*). (CBS 6875) German Pilsner beer, Germany. Type culture (Arch. Microbiol. 107: 205-206, 1976). (Medium 200 24C)
- Candida sphaerica* (Hammer et Cordes) Meyer et Yarrow
2504 F.W. Tanner (*Torulopsis sphaerica*) — B.W. Hammer and W.A. Cordes. (NRRL Y-1098) (Medium 200 26C)
- 8549 Lederle Labs. strain Laffer 10, Type A (*Torulopsis sphaerica*). (NRRL Y-1104) Creamery. Enzymatic hydrolysis of ribonucleic acid (U.S. Pat. 3,920,519). (Medium 336 24C)
- 8606 Lederle Labs. strain Laffer 83, Type A (*Torulopsis sphaerica*). (NRRL Y-1161; Univ. Wisconsin 1-16c) (Medium 336 24C)
- 8625 Lederle Labs. strain Laffer 110 (*Torulopsis sphaerica*). (NRRL Y-1180) (Medium 200 24C)
- 8632 Lederle Labs. strain Laffer 125, Type A (*Torulopsis sphaerica*). (FDA L-1; NRRL Y-1187) (Medium 336 24C)
- 8637 Lederle Labs. strain Laffer 134, Type A (*Torulopsis sphaerica*). (NRRL Y-1192; W. Henneberg 243) (Medium 200 24C)
- 8647 Lederle Labs. strain Laffer 146, Type A (*Torulopsis sphaerica*). (NRRL Y-1202; N.C. Wright C-7-1) (Medium 336 24C)
- 8652 Lederle Labs. strain Laffer 162, Type A (*Torulopsis sphaerica*). (NRRL Y-1206) (Medium 336 24C)
- 13193 NRRL Y-36 (*Torulopsis sphaerica*). (Medium 5 26C)
- Candida stellata* (Kroemer et Krumholz) Meyer et Yarrow
10667 NRRL Y-1444 (*Torulopsis bacillaris*). (CBS 843; IFO 0701) (Medium 336 24C)
- 10673 NRRL Y-1446 (*Torulopsis stellata*) — CBS 157. (IFO 0703) (Medium 200 24C)
- 52826 S. Goto 608 (*Torulopsis stellata*) — H. Oguri. Wild grapes, *Vitis coignetiae*, Japan. (Medium 200 24C)
- Candida stellatoidea* (Jones et Martin) Langeron et Guerra. See: *Candida albicans*
- Candida subtropicalis* Nakase et al.: See *Candida maltosa*
- Candida suecica* Miranda et Norkrans
22292 CBS 5724 — B. Norkrans strain J.II. Seawater, Sweden. Type culture (Antonie van Leeuwenhoek 34: 115-118, 1968). (Medium 200 24C)
- Candida suspiciosa* Lee et Komagata
46049 IFO 1911 — J.D. Lee KL30. (IAM 12489) Peach tree, Japan. Type culture (Int. J. Syst. Bact. 30: 518, 1980). Methanol assimilation (J. Gen. Appl. Microbiol. 26: 133-158, 1980). (Medium 200 24C)
- Candida tannotolerans* (Jacob) Meyer et Yarrow
36591 CBS 6070 (*Torulopsis tannotolerans*) — F.H. Jacob. Tanning fluid. (Medium 200 24C)
- Candida tenuis* Diddens et Lodder
10573 NRRL Y-1498 — CBS 615. Bark-beetle. Type culture (The Yeasts, a Taxonomic Study, 3rd ed., p. 813, 1984). (Medium 200 24C)
- 14463 N. van Uden 2461 — CBS — Holst. (IFO 0716) (Medium 200 26C)
- 58781 CBS 4113 — H. Kuehlwein. *Harpium mordax* larva. Produces ethanol from xylose (Appl. Environ. Microbiol. 47: 1221-1223, 1984). (Medium 200 26C)
- 58782 CBS 4285 — H. Kuehlwein. *Rhagium sycophanta*. Produces ethanol from xylose (Appl. Environ. Microbiol. 47: 1221-1223, 1984). (Medium 200 26C)
- 58783 CBS 4435 — H. Kuehlwein. *Rhagium bisfasciatum*. Produces ethanol from xylose and cellobiose (Appl. Environ. Microbiol. 47: 1221-1223, 1984). (Medium 200 26C)
- Candida tepae* Grinbergs
22979 S.A. Meyer M 300 — CBS 5115. Rotten *Laurelia phyllipiana*. Type culture (Arch. Mikrobiol. 56: 202, 1967). (Medium 200 24C)
- Candida terebra* Sugiyama et Goto
22022 CBS 6023. (IFO 1497; RIFY KC1-2) Core sample, Japan. Type culture (J. Fac. Sci. Univ. Tokyo 10: 97-116, 1969). Pentose fermentation (Can. J. Microbiol. 28: 360-363, 1982). (Medium 200 24C)
- Candida torresii* (van Uden et Zobel) Meyer et Yarrow
22999 S.A. Meyer M 162 (*Torulopsis torresii*) — CBS 5152 — N. van Uden. Sea water, Australia. Type culture (Antonie van Leeuwenhoek 28: 279, 1962). (Medium 200 24C)
- Candida tropicalis* (Castellani) Berkhout
750 Preceptrol® culture. A. Castellani. (ATCC 4563; ATCC 7349; CBS 94; IFO 1400) Bronchomycosis. Type culture (Lodder, J. and N.J.W. Kreger-van Rij, "The Yeasts — A Taxonomic Study." 1952, p. 511. North Holland Pub. Co., Amsterdam). Utilizes phenol, catechol and 3- and 4- methylcatechols as sole carbon source (J. Gen. Appl. Microbiol. 19: 171-187, 1973). Esterase activity (J. Clin. Microbiol. 8: 756-759, 1978). (Medium 200 26C)
- 1369 M.B. Church (USDA) (*Monilia candida*). (BI CZAS 0651/2; CCY 29-7-7; NRRL Y-11,860) Production of yeast protein (Eur. J. Appl. Microbiol. 2: 231-241, 1976). Protein value (J. Food Sci. 44: 1197-1200, 1979). Produces ethanol from xylose (Biotechnol. Lett. 3: 213-218, 1981). Pentose fermentation (Can. J. Microbiol. 28: 360-363, 1982). (Medium 200 26C)
- 9968 V. Lebedenko — USSR (*Monilia murmannica*). Experimental production of food yeast in USSR. Pentose fermentation (Can. J. Microbiol. 28: 360-363, 1982). Adjustment of pH in natural lactic acid fermentation of cornmeal (J. Food Sci. 49: 1198-1199, 1984). (Medium 200 26C)
- 10610 L.J. Wickerham NRRL Y-1552. (Medium 200 26C)
- 13803 Preceptrol® culture. FDA PCI M-59. Assay of amphotericin B (Analytical Microbiology, Vol. 2, F. Kavanagh, ed., Academic Press, New York, pp. 149-150, 164-170 and 173-175, 1972; M.R. McGinnis, Laboratory Handbook of Medical Mycology, Academic Press, pp. 412-419, 1980); and nystatin (*ibid.*, pp. 150-151). Production of iditol (Appl. Environ. Microbiol. 46: 912-916, 1983). (Medium 200 25C)
- 14056 C.W. Emmons 3174 — Richori. Human. (Medium 200 26C)
- 14246 A. Castellani. (Medium 200 26C)
- 15114 Ajinomoto Co., Inc. YO-129. Production of amino acids (U.S. Pat. 3,222,258). Produces L-tryptophan (U.S. Pat. 3,591,456). (Medium 200 26C)
- 15543 P. Dupont (*Trichosporon lodderi*) — NRRL Y-2001. (Medium 200 24C)
- 18213 B.J. Wiley QM 8448 — M. Johnson — NRRL Y-6329-9. (Medium 200 26C)

- S.T. Carey CR 826-6 (*Clitocybe illudens*). Single basidiospore isolate. Taxonomy (Mycologia 66: 951-968, 1974). Fruits in culture. (Medium 324 24C)
- S.T. Carey CR 826-7 (*Clitocybe illudens*). Single basidiospore isolate. Taxonomy (Mycologia 66: 951-968, 1974). Fruits in culture. (Medium 324 24C)
- IFO 8533 ← Tohoku Univ. ← CBS 141.34 ← L.O. Overholts. Produces butyrolactone I (Chem. Pharm. Bull. 31: 1528-1533, 1983); gyroporin and atromentic acid (Phytochemistry 13: 271-272, 1974). (Medium 336 24C)
- CBS 106.40 ← K. Zobl. (Medium 336 24C)
- circinata* (Fries) P. Karsten
- 169 J.W. Sinden strain Overholts 24437 (*Polyporus tomentosus* var. *circinatus*). (Medium 200 26C)
- 169 S.A. Alfieri (*Polyporus circinatus*) ← G. Blakeslee. *Pinus clausa*, Florida. (Medium 200 26C)
- tomentosa* (Fries) P. Karsten
- 171 D.T. Myren 58-41 (*Polyporus tomentosus*). Jack pine. (Medium 323 24C)
- 172 D.T. Myren cr-1 (*Polyporus tomentosus*). Red pine. (Medium 323 24C)
- 176 R.D. Whitney 906-7A-3 (*Polyporus tomentosus*). (Medium 200 24C)
- 177 R.D. Whitney 906-7A-4 (*Polyporus tomentosus*) ← W.E. Britnell. Black spruce, *Picea mariana*, Canada. (Medium 200 24C)
- Orygena corvina* Albertini et Schweinitz
- 17279 G.F. Orr O-1150 ← CBS 225.60 ← K. Tubaki. Man. (Medium 537 24C)
- Orygena equina* (Willdenow) Persoon ex Fries
- 1731 G.F. Orr O-1148 ← CBS 947.70. Cow hoof. (Medium 357 24C)
- Aspora lactis* var. *parasitica* Pritchard et Porte
- 17318 C.R. Jackson SC 365. Rotting tomatoes, Florida. (Medium 28 26C)
- Asporidium margaritiferum* Stautz
- 1676 NRRL Y-1519 (*Trichosporon margaritiferum*) ← CBS 2531. (FMJ 15009; IFO 1208) Slime flux on tree. Production of ubiquinone-10 (U.S. Pat. 4,070,244) Type culture (Lodder, J., "The Yeasts - A Taxonomic Study." 1970, p. 1162. North Holland Pub. Co., Amsterdam). (Medium 200 24C)
- Opegrapha lichenoides* Persoon
- 18341 V. Ahmadian Sw.78. Polyspore isolate. Lichen symbiont. Distributed in test tube, allow 2 months for delivery. (Medium 382 18C)
- Opercullella padwickii* Kheswalla
- 10083 B.B. Mundkur GC 285. (CBS 275.53) Foot rot of chick pea, *Cicer arietinum*. Indian J. Agr. Sci. 11: 316-318, 1941. (Medium 336 26C)
- Ophiobolus fulgidus* (Cooke et Peck) Saccardo
- 19556 E.S. Luttrell 65. *Bidens bipinnata*. (Medium 336 24C)
- Ophiobolus graminis* var. *avenae* Garrett
- 115419 H.F. Burkhardt ← E. Turner. Oats, England. (Medium 336 26C)
- Ophiobolus herpotrichus* (Fries) Saccardo
- 112279 CBS 240.31. (IFO 6158) (Medium 340 24C)
- Ophiobolus miyabeanus* Ito et Kuribayashi: See *Cochliobolus miyabeanus*
- Ophioceras* sp.
- 56671 C.A. Shearer CS-652-1. Submerged twig, Panama. (Medium 448 24C)
- 56672 C.A. Shearer CS-408-2. Submerged twigs, Panama. (Medium 448 24C)
- Ophiodothella vaccinii* Boyd
- 136333 K.E. Conway LJA 1. *Vaccinium arboreum*, Florida. Fly speck leaf-spot of *Vaccinium*. Imperfect state. (Medium 336 24C under black light)
- Ophiostoma ainoae* Solheim
- 162328 H. Solheim 80-69/27. *Picea abies*, Norway. Characterization (Nord. J. Bot. 6: 199-207, 1986). (Medium 200 24C)
- Ophiostoma cucullatum* Solheim
- 162330 H. Solheim 81-83/16. (CBS 218.83; CMI 285081) Bark beetle, *Ips typographus*, Norway. Type culture (Nord. J. Bot. 6: 202, 1986). (Medium 200 24C)
- Ophiostoma euophioides* (Wright et Cain) Solheim
- 116058 R.W. Davidson RWD 177 (*Ceratocystis euophioides*). (CBS 275.65) Douglas fir log. Mycologia 57: 488-490, 1965. (Medium 323 26C)
- 116059 R.W. Davidson C555 (*Ceratocystis euophioides*). (Medium 310 26C)
- 162331 H. Solheim 80-67/22. *Picea abies*, Norway. Characterization (Nord. J. Bot. 6: 199-207, 1986). (Medium 200 24C)
- Ophiostoma flexuosum* Solheim
- 162332 H. Solheim 81-79/5. (CBS 208.83; CMI 285083) *Picea abies*, Norway. Type culture (Nord. J. Bot. 6: 203, 1986). (Medium 200 24C)
- Ophiostoma grande* Samuels et Muller
- 42527 G.J. Samuels BR 882. Bark, Brazil. Type culture (Sydowia 31: 176, 1978). (Medium 200 24C)
- Ophiostoma multiannulata* (Hedgecock et Davidson) von Arx: See *Ceratocystis multiannulata*
- Ophiostoma polonium* Siemaszko
- 162335 H. Solheim 80-53/7. Characterization (Nord. J. Bot. 6: 199-207, 1986). (Medium 200 24C)
- Ophiostoma ulmi* (Buisman) Nannf.: See *Ceratocystis ulmi*
- Ophiovalsa betulae* (Tulasne) Petrak
- 142579 DAOM 175511 ← D. Laidlow 80M-60. *Betula pendula*, Pennsylvania. (Medium 338 26C)
- Orbicula parietina* (Schrader ex Fries) Hughes
- 22281 D. Malloch TRTC 45570. Laboratory contaminant, Canada. (Medium 530 18C)
- 24149 S. Udagawa NHL 2495. Deer dung, Japan. (Medium 335 24C)
- Orbimyces spectabilis* Linder
- 16394 S.P. Meyers IMS 108. Submerged driftwood, Massachusetts. (Medium 312 26C)
- 34607 R.V. Gessner RDB 7 ← R. Brooks. Wood (marine environment), Rhode Island. (Medium 350 with sea water 24C)
- Ostracoblabe implexa* Bornet et Flahault
- 22812 D.J. Alderman 1A2. Shell of *Ostrea edulis*, England. (Medium 354 30C)
- Oudemansiella canarii* (Junghuhn) Hoehnelt
- 62446 P. Hubsch M32-4 ← G. Arnold. (Medium 200 24C)
- Oudemansiella mucida* (Schrader ex Fries) Hoehnelt
- 58725 J. San Antonio 270 ← K. McKnight. (Medium 336 24C)
- 62253 J.C. Frankland M9202 ← P.L. Costeloe. Fallen branch, England. (Medium 200 24C)
- 62447 P. Hubsch M30-5. (Medium 200 24C)
- Oudemansiella platyphylla* (Persoon ex Fries) Singer
- 24980 R.H. Petersen CO-1, 71-4. (Medium 200 24C)
- Oudemansiella radicata* (Relhan ex Fries) Singer
- 20295 Inst. Microb. Chem. 10F. Conifer. Production of ouidenone, a hypotensive agent (U.S. Pat. 3,835,170). (Medium 337 26C)
- 56458 J. San Antonio 253 ← K. McKnight. (Medium 336 26C)
- 62254 J.C. Frankland M9243. Buried wood, England. (Medium 200 24C)
- Ovulinia azaleae* Weiss
- 111896 M.R. Paton. Rhododendron. (Medium 337 24C)
- Oxyporus latemarginata* (Durieu et Montagne) Donk
- 19408 J.W. Sinden strain Overholts 24674-R (*Poria ambigua*). Rotting wood. (Medium 200 26C)
- 124649 E.C. Setliff FP-104044-sp (*Poria latemarginata*) ← F. Lombard (*P. ambigua*). Hardwood branch, Maryland. Cultural characteristics (Mycologia 52: 280-294, 1960). Nuclear division in basidia (Can. J. Bot. 52: 2323-2333, 1974). (Medium 200 24C)
- Ozonium taxanum* var. *paraciticum* Thirumalachar
- 28812 M.J. Thirumalachar HACC 257. (Medium 336 24C)
- Pachybasium* sp.
- 16093 Smith, Kline and French Labs. 264 ← G. Baker. Transformation of certain steroids. (Medium 5 24C)
- 16094 Smith, Kline and French Labs. 267 ← G. Baker. Transformation of certain steroids. (Medium 5 24C)
- 16095 Smith, Kline and French Labs. 270 ← G. Baker. Transformation of certain steroids. (Medium 5 24C)
- 16114 Smith, Kline and French Labs. 273 ← G. Baker. Transformation of certain steroids. (Medium 336 26C)
- Pachyma hoelem* Rumph: See *Poria cocos*
- Pachysolen tannophilus* Boidin et Adzet
- 32691 NRRL Y-2460 ← J. Boidin. (CBS 4044; NCYC 614) Tanning liquor. Type culture (Bull. Soc. Mycol. France 73: 331, 1957).

†USDA permit (PPQ 526) required for distribution

- Pachysolen tannophilus* (continued)**
- Produces ethanol from D-xylose (Biotechnol. Lett. 3: 89-92 and 415-420, 1981; Biotechnol. Bioeng. 24: 371-384, 1982; U.S. Pat. 4,359,534). Conversion of wheat straw cellulose/hemicellulose to ethanol (*ibid.*, 24: 1105-1113, 1982). Production of ethanol from D-galactose and glycerol (Enzyme Microb. Technol. 4: 349-352, 1982). Produces NADPH-linked D-xylose reductase and NAD-linked xylitol dehydrogenase (Biotechnol. Bioeng. 27: 302-307, 1985). Produces xylitol dehydrogenase (FEMS Microbiol. Lett. 25: 195-198, 1984). (Medium 200 24C)
- 60392 T.W. Jeffries NO₃-NO₃-1. (NRRL Y-12885) Mutant derived from ATCC 32691. Enhanced fermentation of xylose to ethanol and growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60393 T.W. Jeffries NO₃-NO₃-4. (NRRL Y-12886) Mutant derived from ATCC 32691. Enhanced fermentation of xylose to ethanol and growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60394 T.W. Jeffries NO₃-NO₃-5. (NRRL Y-12887) Mutant derived from ATCC 32691. Enhanced fermentation of xylose to ethanol and growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60395 T.W. Jeffries NO₃-NO₃-7. (NRRL Y-12888) Mutant derived from ATCC 32691. Rapid growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60396 T.W. Jeffries NO₃-U-2. (NRRL Y-12889) Mutant derived from ATCC 32691. Enhanced fermentation of xylose to ethanol and growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60397 T.W. Jeffries NO₃-U-4. (NRRL Y-12890) Mutant derived from ATCC 32691. Enhanced fermentation of xylose to ethanol and growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60398 T.W. Jeffries NO₃-U-7. (NRRL Y-12891) Mutant derived from ATCC 32691. Enhanced fermentation of xylose to ethanol and growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60399 T.W. Jeffries U-NO₃-1. (NRRL Y-12892) Mutant derived from ATCC 32691. Rapid growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60400 T.W. Jeffries U-NO₃-5. (NRRL Y-12893) Mutant derived from ATCC 32691. Rapid growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60401 T.W. Jeffries U-NO₃-6. (NRRL Y-12894) Mutant derived from ATCC 32691. Rapid growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60402 T.W. Jeffries U-U-10. (NRRL Y-12895) Mutant derived from ATCC 32691. Rapid growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60403 T.W. Jeffries U-U-27. (NRRL Y-12896) Mutant derived from ATCC 32691. Rapid growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60404 T.W. Jeffries U-U-34. (NRRL Y-12897) Mutant derived from ATCC 32691. Rapid growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- 60405 T.W. Jeffries U-U-1. (NRRL Y-12898) Mutant derived from ATCC 32691. Nitrate negative, rapid growth on xylitol (Enzy. Microb. Technol. 6: 254-258, 1984). (Medium 200 24C)
- Pachytichospora transvaalensis* (van der Walt) van der Walt**
- 52906 CBS 2186 — J.P. van der Walt. Soil, Africa. Type culture (The Yeasts, a Taxonomic Study, 3rd ed., p. 292, 1984; Bothalia 12: 563, 1978). (Medium 200 24C)
- Paecilomyces abruptus* Dietz et Li**
- 56273 NRRL 1110 — Upjohn Co. CC-1014. Production of antibiotic U-53,946 (U.S. Pat. 4,282,327). (Medium 323 24C)
- Paecilomyces ampulliphorus* Matsushima**
- 52455 M.T. Dunn MTD 3190. Soil, Maryland. (Medium 200 24C)
- Paecilomyces bacillisporus* Onions et Barron**
- 18504 CMI 113161 — G.L. Barron 10144. (CBS 425.67) Soil from deciduous woods, Canada. Type culture (CMI Mycol. Paper 107: 11-13, 1967). (Medium 340 24C)
- 42776 G. Szakacs — IFO 9387 — NHL 2438 — S. Udagawa. Polished rice, Japan. (Medium 338 24C)
- Paecilomyces canadensis* (Vuillemin) Brown et Smith**
- 28762 J. Aoki P6. Gypsy moth, *Lymantria dispar*. Control of insect pests (Appl. Ent. Zool. 9: 185-190, 1974). (Medium 28 24C)
- Paecilomyces carneus* (Duche et Heim) Brown et Smith**
- 13218 J.H. Miller 2865. (CBS 399.59) Forest soil, Georgia. Type culture of *Spicaria carnosa* (Mycologia 49: 779, 1957 and Stud. Mycol. 6: 70, 1974). (Medium 336 24C)
- 16329 W. Gams C 41. (ATCC 16223) Soil, Germany. (Medium 336 24C)
- 18336 IAM AHU 8023 (*Penicillium noppoense*). (CBS 158.69) Type culture of *P. noppoense* (J. Agr. Chem. Soc. Japan 19: 775, 1943 and Stud. Mycol. 6: 70, 1974). (Medium 325 24C)
- 20417 Takeda Chem. Ind. Ltd. C-2237. (IFO 9729) Production of deacetoxycephalosporin C (U.S. Pat. 3,979,260). (Medium 336 24C)
- 28276 R.E. Simard 237 — C. Aubey. Removal of phosphates from sewage (Mycopath. Mycol. Appl. 51: 223-232, 1973). (Medium 336 24C)
- 46579 A. Fujiwara FX-101 — T. Okuda. Soil, Japan. Hydroxylation of patchoulol to nor-patchoulol (Adv. Biotechnol. 3: 519-524, 1981). (Medium 324 25C)
- Paecilomyces clavisporeis* Hammill**
- 18902 T.M. Hammill 47-68. Soil, Georgia. Type culture (Mycologia 62: 107-122, 1970). (Medium 323 26C)
- Paecilomyces cremeo-rosei* Batista**
- 12076 A.C. Batista 232. (CNS 250.55; CMI 113844) (Medium 336 24C)
- Paecilomyces dactylethromorphis* Batista et Maia; See *Paecilomyces variotii***
- Paecilomyces elegans* (Corda) Mason et Hughes**
- 8301 T. Benedek 2. (Medium 307 24C)
- 16233 W. Gams C 187. Soil, Germany. (Medium 336 24C)
- 18405 J.L. Crane ILLS. 34473 (29B-65). (CMI 133904) Creek foam sample, Virginia. (Medium 340 24C)
- 32907 J.D. Weete I-134 (*Spicaria elegans*) — W. Gray. Production of sterols (Lipids 9: 575-581, 1974). (Medium 336 24C)
- 38271 A.M. Hallaksela 84 lb. Norway spruce stump. Acta For. Fenn. 158: 1-50, 1977. (Medium 336 24C)
- Paecilomyces farinosus* (Dickson ex Fries) A.H.S. Brown et G. Smith; See also *Cordyceps memorabilis*, perf. st.**
- 18236 QM 7525 — G. Smith BB 327. (CBS 265.58; IFO 8108; CMI 71622) Garden soil, England. Type culture of *Penicillium albo-aurantium* (Trans. Brit. Mycol. Soc. 40: 484, 1957). Stud. Mycol. 6: 32, 1974. (Medium 325 or 340 24C)
- 24319 R.S. Soper UMO 3. Eastern tent caterpillar, Massachusetts. (Medium 336 24C)
- 26853 A. Samsinakova 34. *Leptinotarsa decemlineata*, Czechoslovakia. Entomophagous, produces chitinase, lipase and protease (Ceska Mykol. 27: 55-60, 1973). Biological control of Colorado beetle (Z. Ang. Entomol. 87: 68-75, 1978). (Medium 336 24C)
- 28461 I. Majchrowicz 0500. Gypsy moth. J. Econ. Entomol. 66: 823-824, 1973. (Medium 336 24C)
- Paecilomyces fumoso-roseus* (Wize) Brown et Smith**
- 16312 W. Gams C 39. Soil, Germany. Safety evaluations (Appl. Ent. Zool. 14: 217-220, 1979). (Medium 337 24C)
- 42188 G. Perron P.f.r.n. 35 — A. Glandard. *Mamestra brassicae* larvae, France. Biological control of lepidopterous larvae (Entomophaga 23: 417-421, 1978). (Medium 336 24C)
- 52586 J. Tuite F 5137. Paw of cat. (Medium 336 24C)
- 60291 R.D. Goos — J. Mulligan. Soil, Rhode Island. (Medium 336 24C under black light 12 hrs on/12 hrs off)
- 60542 G. Zimmerman 4 — E. Muller-Kogler. *Carpocapsa pomonella*, W. Germany. Produces beauvericin (Phytochemistry 22: 1719-1720, 1983). (Medium 336 25C under black light 12 hrs on/12 hrs off)
- Paecilomyces fusisporus* Saksena**
- 24148 T.N. Tumangan. Soil, Philippines. Produces antifungal agent novalichin (Acta Manilana 20: 37-63, 1981; *ibid.*, 4: 3-11, 1969). (Medium 323 24C)
- Paecilomyces griseoviridis* Onions et Barron**
- 18505 CMI 113160 — G.L. Barron 10041. (CBS 426.67) Soil mixed woods, Canada. Type culture (CMI Mycol. Paper 107: 22-23, 1967). (Medium 340 24C)
- Paecilomyces humicola* Onions et Barron**
- 18506 CMI 113166 — G.C. Bhatt 10269. (CBS 427.67) Soil under *Thuja occidentalis*, Canada. Type culture (CMI Mycol. Paper 107: 20-22, 1967). (Medium 325 24C)

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